F. Maxwell Harper

Research Scientist University of Minnesota
Department of Computer Science and Engineering
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Professional Preparation

Carleton College	International Relations and Environmental Studies	B.A.	1998
University of Minnesota	Computer Science	M.S.	2006
University of Minnesota	Computer Science	Ph.D.	2009

Appointments

Research Associate (GroupLens Research)	University of Minnesota	2012 - present
Software Developer	Code 42 Software	2011 - 2012
Founder and Lead Developer	Blue Shift Software Laboratory	2009 - 2011
Post-Doctoral Associate (GroupLens Research)	University of Minnesota	2009 - 2010
Research Assistant (GroupLens Research)	University of Minnesota	2004 - 2009
Research Intern	Nokia Research Center	2007
Teaching Assistant	University of Minnesota	2003 - 2005
Technical Consultant (part time)	Walker Art Center	2001 - 2003
Web Manager	National Civic League	2001 - 2003
Software Engineer	OneSecure	2000 - 2001
Software Developer	AT&T Wireless	1999 - 2000
Programmer	FairIsaac	1998 - 1999

Five Related Publications

Harper, F., Sen, S., Frankowski, D. Supporting Social Recommendations with Activity-Balanced Clustering. RecSys '07:Proceedings of the 2007 ACM conference on Recommender systems, 2007.

Harper, F., Frankowski, D., Drenner, S., Ren, Y., Kiesler, S., Terveen, L., Kraut, R., Riedl, J. Talk Amongst Yourselves: Inviting Users To Participate In Online Conversations. IUI '07: The 12th International Conference on Intelligent User Interfaces, Honolulu, HI, 2007.

Harper, F., Li, X., Chen, Y., Konstan, J., Social Comparisons to Motivate Contributions to an Online Community. The 2nd International Conference on Persuasive Technology (PERSUASIVE 2007), 2007.

Sen, S., **Harper, F.**, LaPitz, A., Riedl, J. The Quest for Quality Tags. International Conference on Supporting Group Work (Group), 2007.

Sen, S., Lam, S., Cosley, D., Rashid, A., Frankowski, D., Osterhouse, J., **Harper, F.**, Riedl, J., tagging, community, vocabulary, evolution. 20th Anniversary Conference on Computer supported cooperative work, 2006.

Five Other Significant Publications

Ren, Y., **Harper, F.**, Drenner, S., Terveen, L., Kiesler, S., Riedl, J., Kraut, R. Building Member Attachment in Online Communities: Applying Theories of Group Identity and Interpersonal Bonds. MIS Quarterly, 36 (3), 2012.

Pal, A., **Harper, F.**, Konstan, J. Exploring Question Selection Bias to Identify Experts and Potential Experts in Community Question Answering. ACM Transactions on Information Systems (TOIS), 30 (2), 2012.

Chen, Y., **Harper, F.**, Konstan, J., Li, X. Social Comparisons and Contributions to Online Communities: A Field Experiment on MovieLens. American Economic Review, 100 (4), 2010.

Harper, F., Raban, D., Rafaeli, S., Konstan, J. Predictors of Answer Quality in Online Q&A Sites. CHI '08: SIGCHI Conference on Human Factors in Computing Systems, Florence, IT, 2008.

Harper, F., Li, X., Chen, Y., Konstan, J. An Economic Model of User Rating in an Online Recommender System. In UM '05: The 10th International Conference on User Modeling, Edinburgh, UK, 2005, pp. 307-316.

Professional and Synergistic Activities

Program Committee Member (World Wide Web 2011, Recommender Systems 2009, 2010 workshops on Recommenders and the Social Web, Recommender Systems 2008, Adaptive Hypermedia 2008 workshop on Adaptation in the Social Web, Interact 2007 workshop on Design Principles for Software that Engages Users, User Modeling 2007 workshop on Adaptation and Personalization in Social Systems, Adaptive Hypermedia 2006 workshop on Social Navigation and Community Based Adaptation Technologies)

Reviewer (CHI 2006-2010, CSCW 2006-2010, ACM TWEB 2008, 2010, RecSys 2008, Hypertext 2007, Mobiquitous 2007, ECR 2007, IUI 2007, AH 2006)

Invited Lecturer (Minnedemo 2011, Best Buy 2010, Thompson Reuters 2010, Adventium Labs 2009, IBM Research 2008)

Collaborators

Michael Cassano	Red Hat
Yan Chen	University of Michigan
Ben Congleton	OLark
Dan Cosley	Cornell University
Jason Xiao Dong	Microsoft
Sara Drenner	BI Worldwide
Dan Frankowski	Code 42 Software
Sara Kiesler	Carnegie-Mellon University
Robert Kraut	Carnegie-Mellon University
Xin (Sherry) Li	University of Texas at Dallas
Pamela Ludford Finnerty	Solutia Consulting
John Logie	University of Minnesota
Joseph Konstan	University of Minnesota
Joseph Weinberg	University of Minnesota
Joe McCarthy	University of Washington
Daniel Moy	Google
Aditya Pal	IBM Research
Daphne Raban	Haifa University
Sheizaf Rafaeli	Haifa University
Al Rashid	Intel
Shilad Sen	Macalaster College
Shyong K. (Tony) Lam	Google
Scott Yilek	University of St. Thomas
Yuqing Ren	University of Minnesota
John Riedl	University of Minnesota
Loren Terveen	University of Minnesota

Graduate Adviser

Joseph A. Konstan   University of Minnesota